

ABSTRACT OF THE DISCLOSURE

The invention is directed to a percutaneous drainage catheter comprising a tubular member having a drainage lumen extending from a proximal end and a distal end; and a retention member formed around the tubular member and is adapted to move between a low-profile state facilitating insertion of the drainage catheter and a high-profile state facilitating retention of the drainage catheter in a body cavity, wherein the tubular member and the retention member operate to seal and tamponade an access tract in the body cavity. The retention member comprises a soft conforming balloon disposed at the distal end of the tubular member. The drainage lumen provides for drainage of urine, passage of a guidewire, and infusion of liquids. The proximal end of the tubular member is designed to protrude minimally from the body cavity. The drainage catheter further includes an inflation passage to actuate the retention member and to maintain pressure in the retention member for prolonged periods of time. The tubular member may be configured for percutaneous nephrolithotomy or for suprapubic drainage application. The drainage catheter further comprises a drainage portion having at least one drainage port including a Luer-lock connection and a drainage bag. The inflation passage may be connected to a pump or syringe to individually and independently inflate and deflate the retention member. The drainage catheter may further comprise a connector hub at the proximal end including a port and an access lumen plug that operates like a snap-on plug. In another aspect of the invention, the drainage catheter may be used in a veterinary application.